

Abstract

A liquid ejecting apparatus of the invention includes: a pressure-generating chamber having an inside space whose volume is changeable, into which a liquid is supplied and which is communicated with a nozzle, a resonance frequency of said pressure-generating chamber having a period of T_c ; a signal-generating unit that generates a driving signal having: a first signal-element for causing the pressure-generating chamber to expand, a second signal-element for causing the pressure-generating chamber to contract from an expanding state thereof in order to eject a drop of the liquid through the nozzle, and a third signal-element for causing the pressure-generating chamber to expand to an original state before outputting the first signal-element after the drop of the liquid is ejected; and a pressure-generating unit that causes the pressure-generating chamber to expand and contract, based on the driving signal. The third signal-element has: a first-step element for causing the pressure-generating chamber to expand to an intermediate contracting state, which is smaller than the original state before outputting the first signal-element; and a second-step element for causing the pressure-generating chamber of the intermediate contracting state to the original state before outputting the first signal-element. The first-step element and the second-step element are substantially discontinuous in at least one of applying time or inclination.